

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,849,493 B1  
APPLICATION NO. : 08/446553  
DATED : December 7, 2010  
INVENTOR(S) : John C. Harvey et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At claim 4, column 289, line 14, replace “intermediate” with --interactive--

Signed and Sealed this  
Twenty-fourth Day of July, 2012

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*